

**MEMORANDUM**

To: Board of Regents

From: Board Office

Subject: Report on Regent University Collaboration/Cooperation

Date: May 8, 2000

**Recommended Action:**

Receive the report on Regent university collaboration/cooperation.

**Executive Summary:**

Section 6.28 of the Regent *Procedural Guide* requires that the three Regent universities periodically report on interinstitutional cooperation or collaboration. Fifty-six (56) projects are listed which involve two or more of the Regent universities. The projects range from sharing lectures to some very complex joint ventures. The majority of the collaborative efforts relate to Teaching (27), with the remaining efforts relating to Research (14), Service (12), and Administration (7). The University of Iowa participates in 44 of these collaborative efforts, Iowa State University in 52, and the University of Northern Iowa 50.

The chart below lists the projects and the participating institutions. The chart is followed by a narrative which describes the projects.

	SUI	ISU	UNI
1. Ag-Based Industrial Lubricants (A.B.I.L.)		X	X**
2. Annual Iowa Distinguished Faculty in Engineering Joint Lecture between campuses	X	X	
3. BS Applied Physics/Engineering Dual-Degree Program	X**	X	X
4. Bachelor of Liberal Studies Degree	X	X	X
5. Biotechnology Byproducts Consortium	X**	X	
6. Camp Adventure Youth Services	X	X	X**
7. Chinese Waste Exchange		X	X**
8. Collaborative efforts among the three Graduate Deans to enhance minority recruitment	X	X	X
9. College of Public Health joint MPH programs	X**	X	X
10. Community College Day	X	X	X**
11. Des Moines Higher Education Center	X	X	X
12. Farm *A* System		X**	X
13. Geographical Alliance of Iowa	X		X**
14. Graduate Center in Council Bluffs, Quad Cities and Sioux City	X	X	X
15. Heartland Technology (CIRAS at ISU; SMS at UNI)		X	X
16. Integrated Roadside Vegetation Management (DOT & DNR)		X	X**
17. Interinstitutional sharing of library resources	X	X	X
18. Inter-Iowa Genetics Research Symposium	X	X	
19. Iowa Center for Agricultural Safety and Health	X**	X	
20. Iowa Consortium for Substance Abuse Research and Evaluation	X**		X
21. Iowa Energy Center (Joint Business Site Visits)		X**	X
22. Iowa Lakeside Laboratory	X	X	X
23. Iowa Mathematics Consortium	X		X**
24. Iowa Practice Research Collaborative	X**	X	X
25. Iowa Regents Fellowship Program	X	X	X
26. Iowa Rural Development Council	X	X	X
27. Study Abroad Programs:			
Iowa Hispanic Institute	X		X
Iowa Regents Semester in Australia	X	X	X
Iowa Regents Semester in Wales	X	X	X
Iowa Regents Summer Program in Austria	X	X	
Iowa Regents Summer Program in France	X	X	X
28. Iowa Space Grant Consortium	X	X**	X
29. Iowa State Water Resources Research Institute	X	X**	
30. Iowa Transportation Research Collaboration	X	X	X
31. Iowa Waste Reduction Center		X	X**
32. John Pappajohn Entrepreneurial Center	X	X	X
33. Joint Iowa Department of Economic Development ICN panel discussion on employee recruiting and retention	X	X	X
34. Joint National Engineers Week seminar for professional engineers	X	X	
35. Krause Challenge	X	X	X
36. Leopold Center for Sustainable Agriculture		X	X
37. Literacy League (begin Fall, 2000)	X	X	X
38. MS in Systems Engineering/MBA	X	X	

	SUI	ISU	UNI
39. Master's Degree in Transition: Educators of Students with Severe Disabilities	X		X
40. Midwest transportation Consortium (new name- IA Trans. Res. Collaboration)		X	X
41. Reading Recovery Center of Iowa	X	X	X
42. Recycling / Reuse Technology Transfer Center	X	X	X**
43. Regents Center for Early Childhood Education (added to SUI list)	X	X	X**
44. Regents Exchange-Student Teaching	X	X	X**
45. Romanian Public Health Study	X**		X
46. Small Business Compliance Alliance		X**	X
47. Small Business Development Center	X	X	X
48. Southwest Iowa Regents Resource Center – Council Bluffs	X	X	X
49. Star Schools Program		X	X
50. UI College of Medicine/ISU Veterinary Medicine Collaborative Grants	X	X	
51. UI Medical Imaging Group/ISU Center for Nondestructive Evaluation	X	X	
52. UI National Advanced Driving Simulator/ISU Virtual Reality Applications Center	X	X	
53. UI/ISU Interdisciplinary Pilot Research in health-related areas	X	X	
54. Distance Education Offerings:			
▪ Bachelor of Liberal Studies external degree program	X	X	X
▪ BA Business shared courses: Insurance & Real Estate		X	X
▪ Regents Graduate Inclusion Program in special education	X	X	X**
▪ MA in School Library Media Studies	X		X
▪ MA in Higher Education	X	X	
55. Regents Universities Libraries Cooperative Activities	X	X	X
56. Summer Honoraria for Faculty Graduate Study	X	X	X
** = lead institution			

1. Ag-Based Industrial Lubricants (ABIL)

This project originated as a memorandum of understanding between the Center for Crops Utilization Research (CCUR) at Iowa State University and the ABIL Research Program at UNI in 1995. The purpose of the project is to "assure funding agencies of a continuing cooperative relationship and assure the Iowa Commodity Boards and others that duplication will be avoided.

2. Annual Iowa Distinguished Faculty in Engineering Joint Lecture between campuses.

Every year, the recipients of the College of Engineering Faculty Research Award at both the University of Iowa and Iowa State University are invited to present a seminar on their research expertise on each other's campus. The program enables students at both universities to broaden their engineering education from leading faculty researchers in unique areas.

3. BS Applied Physics/Engineering Dual-Degree Program

The 3+2 dual degree program leads to a BS in applied physics from UNI and a B.S.E. degree from UI. It requires approximately three years of study at UNI followed by approximately two years of study at SUI.

4. Bachelor of Liberal Studies Degree

The Bachelor of Liberal Studies program is offered by each of Iowa's three Regent universities to serve adults whose job, family, geographic location, or other personal circumstances prevent them from attending college as full-time, on-campus students. The BLS program has no residence requirements.

5. Biotechnology Byproducts Consortium

The consortium was formed to combine the expertise of the City of Cedar Rapids and faculty at the University of Iowa and Iowa State University to tackle treatment of agricultural and food-processing byproducts. The consortium studies conversion of raw materials to value-added products, assisting several Iowa-based industries.

6. Camp Adventure Youth Services

Camp Adventure Youth Services is a student-run organization that blends theory and practice in the delivery of programs and services to children and youth. Located at the University of Northern Iowa, Camp Adventure Youth Services offers students an opportunity to plan and implement model school-age services and youth development programs, develop leadership and management skills, enhance one's global awareness and promote cultural sensitivity.

7. Chinese Waste Exchange

Joint effort between UNI's Center for Energy and Environmental Education and ISU to meet with four visiting Chinese people. They were very interested in the activities of the Iowa Waste Reduction Center (IWRC), and how such a system could be established in China. They have

indicated a desire to have a staff member visit China to aid in setting up a small business environmental assistance program.

8. Minority Recruitment

The graduate colleges at the three Regent institutions work together on issues of minority access to graduate education through (1) an informal name exchange of undergraduate students, (2) cooperative visits by groups of students from minority serving institutions, (3) referrals of students completing Masters degrees at UNI to SUI doctoral programs, and (4) regular communication among the staff of all three institutions.

9. College of Public Health Joint MPH Programs

SUI held discussions with both ISU and UNI relative to setting up joint MPH degree programs. Committees have been organized at each university to work on facilitating the development of the joint degrees. SUI is discussing a joint degree, the DVM-MPH, with ISU and two joint, or at least collaborative, degrees with UNI, one in community health education and the other in environmental health.

10. Community College Day

Every year the Regent universities rotate hosting an annual articulation conference for Iowa community college advisory staff and faculty. The topic is chosen by the community college academic deans. The purpose of the articulation conference is to bring together faculty from all three Regent universities and all community colleges to dialog. In the past, topics have included biology, diversity requirements, math, art and graphic art, elementary education, and next year will focus on computer science.

11. Des Moines Higher Education Center

Collaborative model for the delivery of graduate and undergraduate courses and programs to address the learning and training needs of the Greater Des Moines Community.

12. Farm\*A\*Syst

The IWRC worked with ISU on Farm\*A\*Syst education materials. Specifically, farm vehicle maintenance wastes were addressed and several fact sheets were developed to aid farmers with proper management of wastes from these activities.

13. Geographical Alliance of Iowa

The Geographical Alliance of Iowa (GAI), based within the Department of Geography at the University of Northern Iowa, is the major organization working for the improvement of geographic education in Iowa schools. Directed by Professor Kay Weller of UNI's Department of Geography and College of Education, the GAI works closely with the Department of Geography and Global Studies Program at the University of Iowa. Prof. Rex Honey, Director of Global Studies and a faculty member in Geography, serves as a member of the GAI steering committee. He also serves each June as Geographer in Residence at the annual GAI Institute

for K-12 teachers. Assisted by Prof. Weller, in 1999 he led a Fulbright-Hays Group Project to Nigeria. The group consisted of SUI and UNI faculty and graduate students as well as secondary school teachers from throughout the State. Eighteen participants were involved. They are now completing a project to make curricular materials on Africa in general and Nigeria more particularly available to American teachers.

14. Graduate Centers in Council Bluffs, Quad Cities and Sioux City

The Quad Cities Graduate Study Center, established in 1969, is a 12-member academic consortium, which includes the three Regent universities, whose mission is to provide graduate-level educational opportunities to the Quad Cities area.

The Tri-State Graduate Center is a consortium of colleges and universities in Iowa, Nebraska, and South Dakota. Its purpose is to facilitate the delivery of graduate education to residents of Siouxland by bringing graduate programs and other training opportunities to the immediate area so graduate-level training may be obtained without traveling to distant campuses.

15. Heartland Technology

Joint project to commercialize soy-based adhesives used in building material development. The ISU Research Foundation provided the soybean-based adhesive research and UNI conducted market research. It is anticipated that a facility will be constructed in Iowa to manufacture the product.

16. Integrated Roadside Vegetation Management (IRVM)

In cooperation with the Soil Conservation Service, UNI provides a county assistance office to work with Iowa counties in implementing roadside management programs on secondary roads. The IRVM program helps counties restore native grasses and plants to roadsides, a better way of controlling vegetation than the hazardous but often-used herbicides, or energy-intensive mowing.

17. Interinstitutional sharing of library resources

Interlibrary loan and document delivery services among the Regent libraries are essential to meeting the information needs of faculty and students on each campus. They include the delivery of book materials sent via a two-day commercial shipper and copies of journal articles sent through a national electronic delivery system or by fax. Recently, these services have grown in importance because of two major institutional journal cancellation projects at ISU and UI, which resulted in almost \$1,000,000 cuts in journal expenditures.

18. Inter-Iowa Genetics Research Symposium

Cooperative effort of scientists at SUI and ISU to build linkages in research and education relating to genetic disorders.

19. Iowa Center for Agricultural Safety and Health (I-CASH)

A State of Iowa-supported program based in the Department of Occupational and Environmental Health, I-CASH is a partnership involving SUI, ISU, the Iowa Department of Public Health, and the Iowa Department of Agriculture and Land Stewardship. The Center's mission is to facilitate the coordination of and the focus of public and private resources in Iowa to establish service, education, and prevention programs which will enhance the health and safety of farm families, farm workers, and rural and agricultural community citizens in general. Furthermore, the Center facilitates the identification of, and the prioritization of agricultural health and safety issue areas, and develops statewide preventive programming. In addition, the Center seeks to attract and coordinate outside grants and contracts that enhance state agricultural health and safety resources and programs.

20. Iowa Consortium for Substance Abuse Research and Evaluation

A multicenter organization for the promotion and dissemination of research and evaluation on substance abuse and the integration of substance abuse research with public policy, prevention, and intervention practice in Iowa. Most of the Center's researchers are affiliated with the University of Iowa, Iowa State University, and the University of Northern Iowa. Other representatives come from State government and private treatment programs.

21. Joint Business Site Visits

The IWRC worked with staff from the Iowa Energy Center and CIRAS on joint visits to assist small businesses. The visits bring together experts on many areas, such as production, OSHA, business planning and the environment - recommendations are provided on environmental compliance and waste reduction.

22. Iowa Lakeside Laboratory

Since 1909, Iowa Lakeside Laboratory has been offering summer courses at its campus on the shores of West Lake Okoboji in northwest Iowa. Credit for these courses can be obtained through Iowa State University, The University of Iowa, and The University of Northern Iowa. Information about Lakeside and its summer courses, including an on-line registration and housing form, is found in the 2000 Iowa Lakeside Laboratory Bulletin. Lakeside also offers three kinds of programs for the general public each summer: Wild Wednesdays, Sunday Night Seminars, and Guided Nature Tours.

23. Iowa Mathematics and Science Coalition

The Iowa Mathematics and Science Coalition (IMSC) is an alliance of leaders from business and industry, education, and public policy that are working together to reform mathematics and science education in the State of Iowa.

This organization, with the support of business and industry, the State Legislature, Iowa Department of Education, SUI, ISU, UNI, and area education agencies, provides the umbrella structure to focus on mathematics and science reform in the State. IMSC also works closely with other professional organizations such as the Iowa Council of Teachers of Mathematics, the Iowa Science Teachers section of the Iowa Academy of Science, the Iowa Parent Teacher Association, the Iowa Association of School Boards, the State Administrators of Iowa, and community colleges.

24. Iowa Practice Research

To develop a strategy for statewide collaboration to bridge the gap between research, policy, and the substance abuse practice field, beginning with the creation of committees to assist in defining substance abuse issues in Iowa.

25. Iowa Regents Fellowship Program

A program to stimulate scholarly initiatives among the three Regent universities, the Fellowship program offers faculty the opportunity to travel to member institutions to exchange ideas and develop collaborative projects in teaching, research and/or public service.

26. Iowa Rural Development Council

State Rural Development Councils (SRDCs) are created by the agencies and organizations that play a part in developing the rural areas of that state. As a result, federal, state, local, and tribal governments, along with the non-profit and for-profit sectors, all play an important role in the work of each State Council.

27. Study Abroad Programs:

Iowa Hispanic Institute -- Six-week summer session; students take language and civilization courses for foreigners at the University of Valladolid, Spain.

Iowa Regents Semester in Australia -- Regular degree course work in humanities, social sciences, business, engineering, and physical sciences at the University of Newcastle in Newcastle, Australia. Fall and spring semesters.

Iowa Regents Semester in Wales -- Three-week interdisciplinary course on British life and culture, followed by regular degree course work in the humanities, social sciences, physical sciences, business, and engineering at the University of Wales Swansea. Fall and spring semesters.

Iowa Regents Summer Program in Austria -- Three-week summer session in language and culture in St. Radegund, Austria, followed by a four-week session of intensive language instruction provided by faculty of the International University at the University of Vienna.



Iowa Regents Summer Program in France -- Seven-week summer program for students with intermediate to advanced French, based in Lyon, France; includes courses in language, composition, civilization, history and geography.

28. Iowa Space Grant Consortium

SUI College of Engineering, Department of Mechanical Engineering. Cooperative activities provide seed funding for highly innovative concepts that have potential for significant return, but may be considered too risky for traditional funding. Proposed activity must involve at least two Iowa Space Grant Consortium affiliates and include some clearly interdisciplinary feature.

29. Iowa State Water Resources Research Institute (ISWRRRI)

ISWRRRI is a multi-campus, interdisciplinary research and training program focusing on major water resources problems facing Iowa and the nation. ISWRRRI's roles are to assist in the solution of water problems by providing timely research on critical water issues and to educate engineers and scientists who are needed by the private and public sectors involved in water resources planning, development and management. ISWRRRI cooperates in research being conducted at all the Iowa Regent universities. This interinstitutional linkage makes the ISWRRRI research program much more effective in bringing together interdisciplinary research teams from all the Iowa universities to focus on critical needs.

30. Iowa Transportation Research Collaboration

The Iowa Transportation Research Collaboration was established in March 1996 to facilitate and support transportation research for the benefit of Iowa through a collaboration of the three Regent universities and the Iowa Department of Transportation (DOT). The Regent universities assist the DOT in evaluating statewide transportation research needs and priorities and participation with the DOT in transportation-related research. The universities also help to identify needed research initiatives in such areas as traffic and safety, maintenance, construction, structures, planning and the environment, economics and finance, motor carriers, railroads and public transit. Through a university-based steering committee, the DOT and the Regent universities also consult to identify, develop and coordinate transportation research resources that could be used, including funding, knowledge, equipment, facilities and staff.

31. Iowa Waste Reduction Center

This is redundant and can be removed. The Iowa Waste Reduction Center is involved in Numbers 8, 13, 22, and 48.

32. John Pappajohn Entrepreneurial Center

The Entrepreneurial Management Institute was renamed the John Pappajohn Entrepreneurial Center in honor of Mr. John Pappajohn, a prominent venture capitalist who provided the funding necessary for the successful launch of the Entrepreneurial Center's numerous internal and external programs.

In 1987, the College of Business at The University of Iowa created the Entrepreneurial Management Institute to highlight its intent to place greater emphasis on the growing role of general entrepreneurship beyond the boundaries of the family business. In the early 1990s, events occurred which changed the course of entrepreneurial education and practice at the University of Iowa. These years saw the appointment of new deans in the Colleges of Business and Engineering and a new Vice President of Health Sciences (Medicine, Dentistry, Pharmacology, and Nursing). These new leaders launched a unique model in entrepreneurial education by agreeing to jointly develop, support, and utilize an entrepreneurial curriculum and open it to all students in those six schools.

33. Joint Iowa Department of Economic Development ICN panel discussion on employee recruiting and retention

On February 24, in conjunction with National Engineers Week, the SUI and ISU Colleges of Engineering Career Services Offices participated with the Iowa Department of Economic Development in two half-day broadcast seminars on ways to recruit and retain top engineering and technological talent for the State of Iowa. The seminars, transmitted to about eight Iowa ICN locations, enabled human resource staff from major companies in those locations to engage in a dialogue of sharing recruitment and retention ideas and information.

34. Joint National Engineers Week Seminar for Professional Engineers

Each February the University of Iowa and Iowa State University conduct their annual joint celebration of National Engineers Week (National Engineers Week 2000: Turning Ideas into Reality). More than 40,000 engineers have earned their degrees at the two schools, whose unique strengths and specialties truly complement each other. 10,000 alumni reside in Iowa. SUI and ISU graduates work in 900 Iowa firms. Two distinct colleges, both rank among the top U.S. schools and offer one powerful technology resource for Iowa, forming the only existing voluntary partnership between two in-state engineering colleges in the U.S. Cutting-edge courses and programs are offered through inter-departmental discussions via the ICN.

35. Krause Challenge

Business students will compete with their counterparts at SUI, ISU, UNI and Drake University in an investment project by Krause Gentle Corp., West Des Moines. The company is the parent of Kum & Go, which has 158 convenience stores in Iowa and four other states. W.A. Krause, president and CEO, has given each of the universities \$100,000. The \$400,000 endowment, known as the Krause Challenge, will give students real-world experience in managing a financial portfolio and, it is hoped, link them with Iowa companies. Students in selected finance classes at the four universities will work with advisory committees to make investment recommendations. Annual stock returns will go directly into each school's fund.

36. Leopold Center for Sustainable Agriculture

The Leopold Center was established by the Iowa Legislature as part of the Iowa Groundwater Protection Act of 1987. Its mandated missions are to identify negative impacts of agricultural practices, contribute to the development of profitable farming systems that conserve natural resources, and cooperate with Iowa State University Extension to inform the public of new research findings. There are two SUI faculty members on its advisory board.

37. Literacy League

The Department of Curriculum and Instruction of UNI has decided not to write the Literacy League Grant scheduled for Fall 2000.

38. MS in Systems Engineering/MBA

A joint program that will provide a Master of Science degree in Systems Engineering (from ISU) and an MBA (from SUI College of Business). Courses will be delivered primarily by videotape to educational coordinators at participating industries. Scheduled to begin October 2000.

39. Master's Degree in Transition: Educators of Students with Severe Disabilities

This project is designed to meet the most substantial personnel shortage in the State of Iowa. Existing data indicate that over 168 educators of secondary students with low-incidence disabilities do not have appropriate certification. This is a collaborative effort between UNI, the Iowa Department of Education, intermediate units (AEAs), local school districts, and parents throughout Iowa. The project will prepare a total of 50 Masters level professionals to work in secondary special education and transition programs for adolescents with low-incidence disabilities. Although it is hoped that the majority of trainees will remain within Iowa to fill the severe shortage of trained personnel, past data indicate that trainees will also teach in all of the Midwestern states and as far away as Texas. Utilizing innovative recruitment and retention strategies, this project will support annually 10 full-time Masters students (30 total) and 20 highly qualified teachers who will be part-time students. Three groups will be targeted for recruitment. Undergraduate students will be recruited from UNI, UI, and other colleges and universities throughout the State.

40. Midwest Transportation Consortium

The Midwest Transportation Consortium (MTC) is the University Transportation Program for Federal Region 7, which includes Iowa, Kansas, Missouri, and Nebraska. ISU is MTC's lead institution. At ISU, MTC is being managed through the Center for Transportation Research and Education (CTRE). ISU is partnering with the University of Missouri-Columbia through UNC's Transportation Infrastructure Center (TIC).

Four junior partner institutions are programmatically linked to MTC, largely to support transportation education activities through the Transportation Scholars Program:

- University of Northern Iowa in Cedar Falls, Iowa
- University of Missouri-Kansas City
- University of Missouri-St. Louis
- Lincoln University in Jefferson, Missouri

MTC activities at UNI emphasize the support of transportation students through the Transportation Scholars program. Up to five or six students will be supported annually. The program focuses on the recruitment and education of graduate students, although undergraduate students may be supported if conditions warrant. In an average year, it is expected that up to four of these scholars will be from the Department of Geography. In addition, one Public Policy student each year, with an interest in transportation policy and/or economics, will likely be supported, as will one student from Industrial Technology. It is expected that one of the Transportation Scholars, usually a graduate student in geography or business, would normally work with the Institute for Decision Making.

41. Reading Recovery Center of Iowa

Reading Recovery is an early intervention program designed to assist the lowest achieving children in first grade who are having difficulty learning to read and write. Throughout the U.S., university training centers for Reading Recovery teachers and teacher leaders are located at state universities. The Reading Recovery Center of Iowa (RRCI) is unique among the existing university training centers because it is the only one which has as its foundation, a consortium of higher education institutions: the University of Iowa, Iowa State University, University of Northern Iowa, and Drake University. The University of Iowa acts as the fiscal agent, awards graduate credit for the training of teacher leaders and employs the RRCI Director (a professor who also trains the teacher leaders). The RRCI is located on the campus of Drake University, a central point in the State. The official responsibility for establishing operating guidelines and principles lies with the four designated higher education institutions.

42. Recycling/Reuse Technology Transfer Center (RRTTC)

The RRTTC, established by the Iowa Legislature in 1992, provides assistance with recycling of waste products through targeted research projects, experiential education of undergraduate students, and outreach to the solid waste recycling and reuse community. The RRTTC's primary responsibility is the sponsoring of targeted and applied research on reuse and recycling technologies specific to Iowans' needs. Research projects, some of which involve collaborations between faculty from UNI and ISU, are selected on a competitive basis. The RRTTC provides undergraduate and graduate students in a variety of disciplines with valuable educational experiences as well as opportunities to participate in research. The RRTTC promotes cooperative efforts among Iowa industries and academic institutions through joint projects, technology transfer, and dissemination of research findings.

43. Regents Center for Early Childhood Education

The Regents Center for Early Childhood Education has on its Leadership Council faculty from ISU and SUI – information is shared and benefits derived from one another's experiences. The Leadership Council is in the process of developing a long-term collaboration with Dr. Karen Donaldson from ISU on antiracist, multicultural education in the new school being built in Waterloo, the Freeburg Early Childhood Program. Dr. Donaldson led a workshop for UNI last year and UNI is also planning to collaborate on writing a grant to obtain funding for Dr. Donaldson to work with the staff in the new schools, as well as perform longitudinal research on the children in the schools.

44. Regents Exchange-Student Teaching

UNI student teachers working in the Des Moines area this fall are part of a pilot program involving all three Regent universities. A Regents Fellowship Program Grant to all three Regent universities is funding a collaborative effort focusing on the supervision of student teachers. These State grants are designed to encourage cooperative programming between the universities.

45. Romanian Public Health Study

This was a collaborative study conducted by the Center for International Rural and Environmental Health (International Programs) at the University of Iowa and the Institute for Public Health in Cluj-Napoca, Romania. It was a multidisciplinary study to determine environmental factors responsible for Methemoglobinemia—blue baby disorder, and to evaluate the developmental effects on young children in the Transylvania region of Romania. Methemoglobinemia is the primary adverse health effect associated with human exposure to nitrate and nitrite in infants, birth to 6 months of age. The project was funded by the Fogarty International Center of the National Institutes of Health and the College of Public Health's Environmental Health Sciences Research Center. Drs. Burton C. Kross and Dennis Harper were the co-PIs.

46. Small Business Compliance Alliance

This demonstration project is designed to show increased cooperation and interaction between small business assistance programs, such as small business development centers (SBDCs), the IWRC, and the OSHA assistance program. Partners in the program include the ISU State SBDC office (as the project administrator), and IWRC (developing the environmental model and coordinating Iowa partnership efforts), Texas (for IRS assistance model), and Nevada (for OSHA assistance model).

47. Small Business Development Center

Provides management assistance to small businesses and/or persons interested in starting new businesses. Conducts workshops on business topics. Is involved with technology transfer at the University of Iowa and economic development in the State of Iowa.

48. Southwest Iowa Regents Resource Center

The Board of Regents established the Southwest Iowa Regents Resource Center (SWIRRC) in August of 1991 and assigned administrative responsibility to the State Extension and Continuing Education Council.

The SWIRRC operates as a coordinating office, serving as a liaison between southwest Iowa residents and the Regent universities. In addition to graduate education, the Center assists with delivery of selected undergraduate Regent programs. It also serves as a contact point for information on Regent university resources, admissions, support services, cultural outreach activities, and internship programs.

49. Star Schools Program

During 1999-2000, Dr. Penny Beed of UNI has been a participant in the Teacher Education Alliance (TEA), a part of the Star Schools Project of Iowa. This year the TEA has involved four cooperating institutions of higher education that prepare K-6 teachers: UNI, ISU, Morningside College, and Simpson College. In this project, students in the Reading Methods courses of the participating professors have studied early literacy assessment using distance learning technology. As part of the TEA, a website and other distance education methods served as the organizational infrastructure. The project materials and strategies support efforts developed by the Iowa Department of Education for the Every Child Reads program. The Star Schools Evaluation Project participants at ISU have coordinated the project. For more information you can visit the website at: [www.educ.iastate.edu/ci/treg/show2.htm](http://www.educ.iastate.edu/ci/treg/show2.htm) or call Jamie Cushman, the project secretary, at (515) 294-6919.

50. SUI College of Medicine/ISU Veterinary Medicine Collaborative Grants

Encourages research collaborations between SUI and ISU with the expectation that collaborations will lead to extramural funding.

51. SUI Medical Imaging Group/ISU Center for Nondestructive Evaluation

This is a collaboration between areas of research excellence that exist uniquely on each Regent university campus where there is a College of Engineering. The UI Medical Imaging Group's expertise in linked areas of radiology, genetics, and cardiology interact with the ISU Center for Nondestructive Evaluation, which studies everything from evaluating heart valves to assess damage to evaluating gas pipeline or flaws. The strengths of computer imaging in both areas provide complementary expertise.

52. SUI National Advanced Driving Simulator/ISU Virtual Reality Applications Center

Both research areas are new to their individual campuses, but they are next-generation adaptations of early successful research centers. Early discussions and collaborations are providing opportunities to jointly pursue research collaborations in the latest virtual reality environments, based on each center's technological uniqueness.

53. SUI/ISU Interdisciplinary Pilot Research in health-related areas  
Effort of the University of Iowa College of Medicine, College of Public Health and the Iowa State University College of Veterinary Medicine to promote nutritional research.
54. Distance Education Offerings: Bachelor of Liberal Studies external degree program; BA Business shared courses – Insurance & Real Estate; Regents Graduate Inclusion Program in Special Education; MA in School Library Media Studies; MA in Higher Education
- Business Shared Courses, Insurance and Real Estate – The deans of the CBAs of UNI and ISU mutually agreed to share courses in areas in which one college has offerings and the other does not. In general, two areas were initially considered as areas of exchange – Real Estate from UNI and Insurance from ISU. The courses are offered over the ICN and are broadcast from the host school to the receiving school. Students sign up for courses and pay tuition to their respective institutions.
- Regents Graduate Inclusion Program in Special Education – The three Regent universities are combining their training strengths into the REEIP, addressing best inclusionary practices for personnel providing services to children with low incidence disability (LID), birth to age 6, and their families in early intervention, early childhood settings, and kindergarten. 28 trainees will participate in the three-year graduate program which provides a new format for developing skills specific to those serving children with LID. One 3-credit course per semester for 6 semesters will be systematically sequenced. The University of Iowa will offer coursework related to special health needs, sensory impairments, and interdisciplinary functioning. UNI will address curriculum modifications and teaming and ISU will focus on management strategies and building family partnerships. The final course is an advanced practicum, implementing best inclusionary practices for young children with LID. Individual transcript analyses will be conducted to ensure that students completing the proposed course of study will qualify for the new Iowa unified licensure. Professors in special education, general education, health and related services, and parents will team in course delivery to provide a model for educators, parents, and related service personnel to emulate. Rural and urban Iowans will participate in coursework during the academic year via the ICN. Trainees will come together each of the three summers for an Inclusion Institute which will rotate across the three university campuses to acquaint trainees with resources, services, facilities, faculty, and clinics which provide services to children with LID.
- MA in School Library Media Studies – UNI's Division of School Library Media Studies program (Department of Curriculum and Instruction) and SUI's Library and Information Science Department are holding conversations regarding the establishment of a collaborative Masters of Art degree program in Information Science. This degree would include State of Iowa certification as a school library/media specialist. Currently, these talks have been slowed as SUI's program is undergoing significant change. When the new director is hired at SUI, talks will resume.

55. Regent Universities Libraries Cooperative Activities

The three Regent university libraries are actively engaged in a number of cooperative projects.

The Interinstitutional Task Force on Scholarly Communication - Edward Shreeves, Director, Collections and Information Resources, is co-chairing this task force consisting of faculty and librarians from the three institutions who are charged to examine the interinstitutional issues related to the crisis in scholarly communication and recommend ways to address the issues. The Task Force has developed an Iowa-specific brochure on the issues and approaches to address them, to use with faculty, administrators, legislators, and others. A website is also under construction.

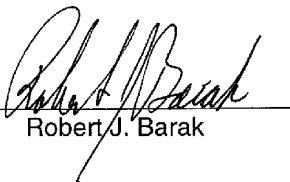
The Interinstitutional Committee on Cooperative Reference and Instructional Services has developed a website called The Regents Institutions Online (TRIO) which includes information about library cooperative efforts as well as a policy for reference referral among the three libraries. The website's primary goal is to heighten the visibility of the libraries' projects and services throughout the state as well as provide a home for cooperatively developed web-based services. (<http://www.lib.uiowa.edu/admin/trio>)

The Interinstitutional Collection Management Committee is developing a union list of digital resources (includes full-text databases and index and abstracting services). When completed, the list will be analyzed for potential cooperative purchasing opportunities. The Committee is also implementing a "last copy" policy to ensure that one of the institutions retain journal backruns of unique periodicals.

The library directors have recently formed the Interinstitutional Committee on Library Information Technologies to share information and promote cooperation among the library information technology professionals.

56. Summer Honoraria for Faculty Graduate Study

Each year the three major Regent universities award a cash stipend of \$250 plus tuition (and fees at the University of Iowa) for up to six credit hours to faculty with full-time permanent appointments at accredited four-year independent colleges and public two-year colleges in Iowa. The faculty who receive the grants must have been accepted into a graduate degree program in one of the three Regent universities but have not achieved the doctoral degree. Each college can nominate one student for each of the three universities.

  
Robert J. Barak

Approved:   
Frank J. Stork